

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1. (currently amended): A device for injecting an intraocular lens, the device comprising a syringe body (1) in which a piston (2) is mounted, the assembly configured for handling in one hand; wherein the body (1) is a single piece and comprises a cylindrical portion (3) configured to contain an undeformed lens (4), an injection endpiece (6), and a conical intermediate portion (5); and

wherein an injection end of the piston comprises a plurality of fingers (10a-10b) that flex towards one another as the piston moves while simultaneously pushing the lens; and

wherein the fingers, after flexing towards one another, are brought together to form a cylinder that occupies practically the entire section of an end of the body; and

wherein the device further comprises the lens and at least one of the plurality of fingers directly contacts the lens to simultaneous push the lens.

Claim 2. (original): A device according to claim 1, characterized in that the syringe body (1) has an internal longitudinal face that is practically plane, the cylindrical portion (3) and the conical intermediate portion (5) having sections that are approximately semicircular.

Claim 3. (previously presented): A device according to claim 1, wherein the plurality of fingers (10a-10b) are of hard plastic material.

Claim 4. (previously presented): A device according to claim 3, characterized in that a central finger (10a) of the plurality of fingers bears constantly against the curved inside wall of the syringe body so as to limit the risk of the lens becoming jammed.

Claim 5. (previously presented): A device according to claim 3, characterized in that a central finger (10a) of the plurality of fingers is wedge-shaped and is urged towards the curved wall of the syringe body under the effect of side fingers (10b) of the plurality of fingers moving towards each other.

Claim 6. (previously presented): A device according to claim 3, characterized in that a single finger is extended by a spatula (10c) holding the lens against an inside curved face of the body.

Claim 7. (previously presented): A device according to claim 1, wherein the piston includes a guide head and sealing gaskets at the guide head (9); and a stopper is provided closing an end (7) of the body so as to make it possible for the lens to be packaged directly in immersion in a liquid.

Claim 8. (previously presented): A device according to claim 7, characterized by the use of materials that withstand heat, to enable the device and a lens to be sterilized in an autoclave.

Claim 9. (previously presented): The device according to claim 1, wherein the body defines a continuous closed volume opened only at longitudinal ends of the body.

Claim 10. (previously presented): The device according to claim 6, wherein the single finger is a central finger (10a) of the plurality of fingers.

Claim 11. (canceled).

Claim 12. (previously presented): The device according to claim 1, further comprising the lens, and wherein the plurality of fingers directly contact the lens to simultaneously push the lens.

Claim 13. (previously presented): The device according to claim 1, further comprising the lens in direct contact against an inside surface of the injection endpiece or the conical intermediate portion.

Claim 14. (previously presented): The device according to claim 1, wherein the plurality of fingers are at least three in number.

Claim 15. (previously presented): The device according to claim 1, wherein the plurality of fingers are three in number.

Claim 16. (currently amended): A device for injecting an intraocular lens, the device comprising a syringe body in which a piston is mounted, the assembly configured for handling in one hand; wherein the body is a single piece and comprises an elongated opening portion configured to contain an undeformed lens, an injection end piece, and a conical intermediate portion; and

wherein an injection end of the piston comprises a plurality of fingers that flex towards one another as the piston moves while simultaneously pushing the lens; and

wherein the injection end piece has a conduit along which the finger move while being flexed towards one another, and wherein the fingers, after flexing towards one another, are brought together so as to substantially occupy ~~practically the~~ an entire cross-section of the conduit ~~the body~~; and

wherein the device further comprises the lens and at least one of the plurality of fingers directly contacts the lens to simultaneous push the lens.